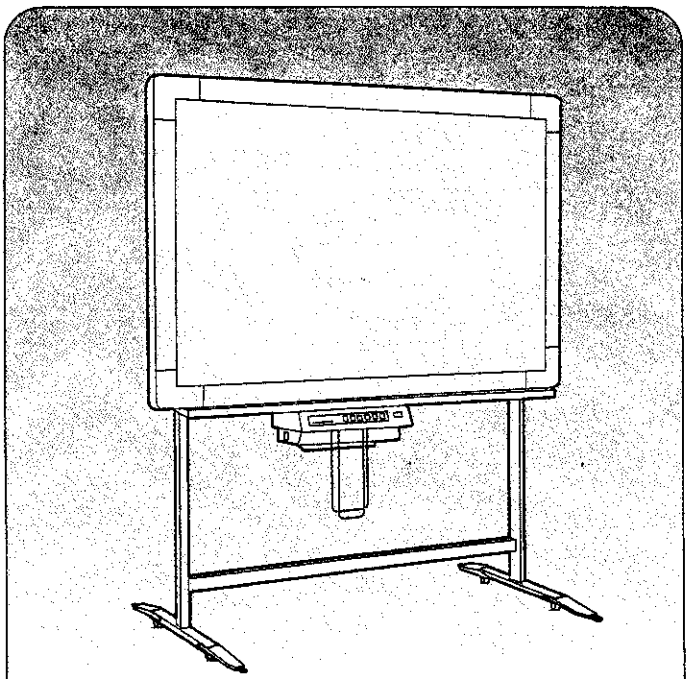
Panasonic

Operating Instructions

Panaboard

Electronic Print Board



The unit in this picture is KX-B530U.(Stand is optional)

MODEL NO. **KX-B530U**
KX-B630U

Before Operating this unit, please read these instructions completely. After reading them, preserve them carefully for future reference.

Thank you for purchasing the Panasonic Electronic Print Board.
For optimum performance and safety, please read these instructions carefully.

Accessories

- Copy paper 1
- Marker (red, black, blue) ..... 1 each
- Operating Instructions 1
- Eraser 1
- Power cord 1
- Installation Manual 1

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- Warning Notice 2
- Loading Copy Paper 3
- Operation 4
- Troubleshooting 5
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- Specifications 7

These Operating Instructions are printed on recycled paper.

Precautions

Installation

■Do not install the unit where:

- it is exposed to direct sunlight or air-conditioning vent,
- near heating equipment,
- the temperature is lower than 10°C (50°F) or it is subject to sudden temperature change.

Handling

- Do not touch the screen, or erase it while it is moving.
- Do not leave writing on the screen for long periods of time.

Marker, eraser and copy paper

- Use only the included or designated marker, eraser and copy paper. (See"Specifications" on p. 7)
- Store a copy paper roll in a cool, dark, moisture free location.
- Do not store printed copies exposed to direct sunlight or high humidity, or inside vinyl chloride (plastic) files.
- For long-term storage, make another copy with an ordinary paper copier machine.

Warning Notices

CAUTION :
TO PREVENT RISK OF ELECTRIC SHOCK HAZARD, DO NOT REMOBE THE COVER OF THIS PRODUCT. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

WARNING :
TO PREVENT FIRE OR SHOCK HAZARD, DO NO EXPOSE THIS PRODUCT TO RAIN OR ANY TYPE OF MOISTURE.

THE SOCKET-OUTLET MUST BE NEAR THIS EQUIPMENT AND MUST BE EASILY ACCESSIBLE.

Safety Information

This appliance is supplied with a moulded three pin mains plug for your safety and convenience.
A 5 amp. fuse is fitted in this plug. Should the fuse need to be replaced please ensure that the replacement fuse has a rating of 5 amps. and that it is approved by ASTA or BSI to BS1362. Check for the ASTA mark ⓐ or the BSI mark ♆ on the body of the fuse. If the plug contains a removable fuse cover you must ensure that it is refitted when the fuse is replaced. If you lose the fuse cover the plug must not be used until a replacement cover is obtained. A replacement fuse cover can be purchased from your local Panasonic Dealer.

If the fitted moulded plug is unsuitable for the socket outlet in your home then the fuse should be removed and the plug cut off and disposed of safely.
There is a danger of severe electrical shock if the cut off plug is inserted into any 13 amp. socket.
If a new plug is to be fitted please observe the wiring code as shown below. If in any doubt please consult a qualified electrician.
WARNING: This appliance must be earthed.
IMPORTANT: The wires in this mains lead are coloured in accordance with the following code.

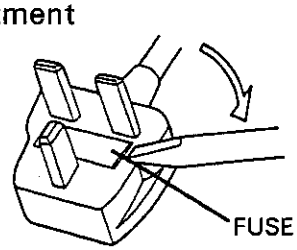
Green-and-Yellow	:Earth
Blue	:Neutral
Brown	:Live

As the colours of the wire in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows.

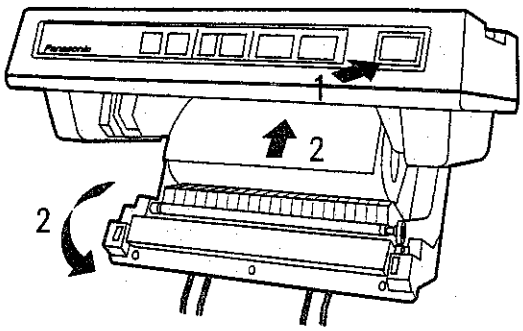
The wire which is coloured Green-and-Yellow must be connected to the terminal in the plug which is marked with the letter E or by the Earth symbol ⏚ or coloured Green or Green-and-Yellow.
The wire which is coloured Blue must be connected to the terminal in the plug which is marked with the letter N or coloured Black.
The wire which is coloured Brown must be connected to the terminal in the plug which is marked with the letter L or coloured Red.

How to replace the fuse:

Open the fuse compartment with a screwdriver and replace the fuse.



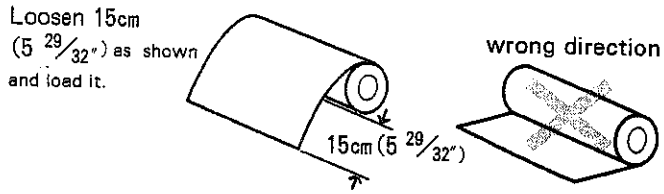
Loading the copy paper

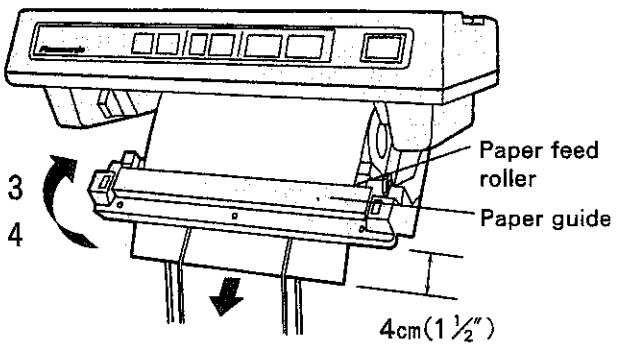


● Make sure the power switch is on.

1 Press "PUSH OPEN".
→ Printer door is opened slightly.

2 Open the door fully and load the copy paper roll.
● Be careful to load the roll in the correct direction.





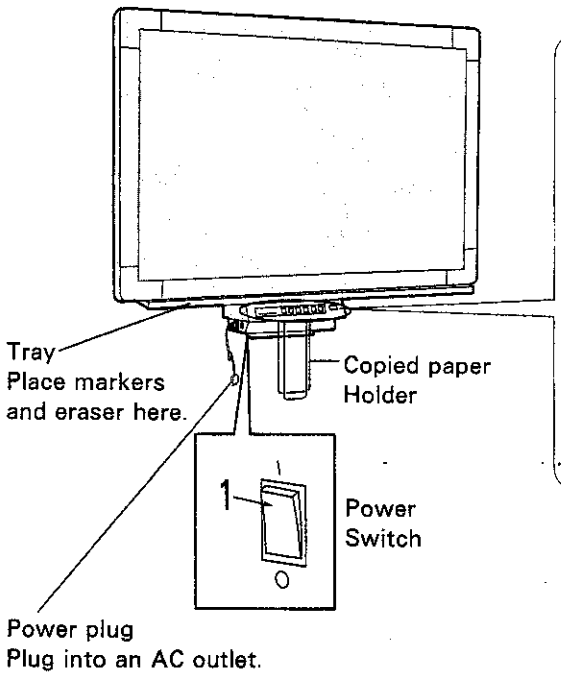
3 Close the door half-way, otherwise the paper roll may drop.
Pass the paper over the feed roller and under the paper guide, then through the printer slot about 4 cm (1 1/2 inches).

4 Close the printer door securely, using two hands.
Note : Once the door is closed, paper will feed and automatically cut. Remove and discard the small piece of paper.

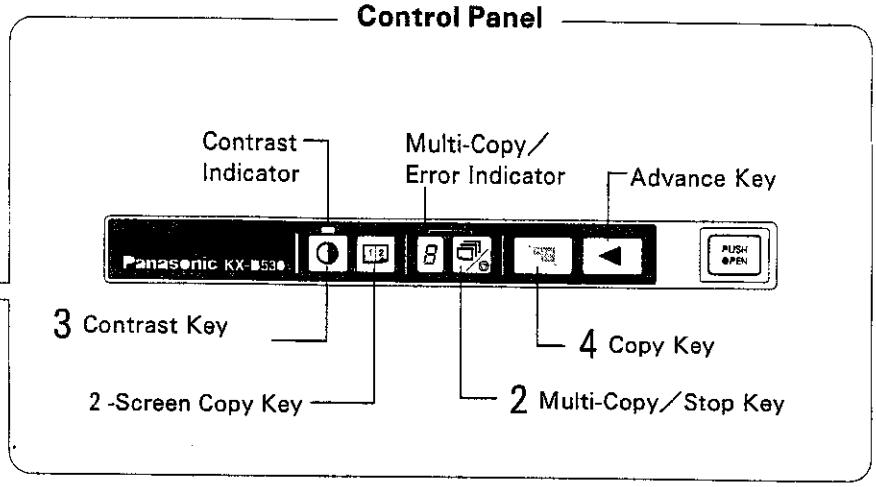
■Load a new roll when:

- Red bands becomes visible at the edge of the copy paper.
- The ERROR indicator "P" goes on and off even after the printer door is closed properly.

Operation (To make copies)



Control Panel



Caution

- Use AC 240V, 50Hz only.
- Use power cord, included.
- Do not damage the power cord.
- Remove the plug by holding it, not by pulling the cord.
- Do not touch the plug with wet hand.

1 Turn the power switch on by pressing the " | " side of the "power" switch.

Note : If the screen is not in "home" position, the screen will move to home position and stop.

- Confirm the ERROR Indicator "P" is off. (If not, refer to "Loading a copy paper".)
- When not in use, be sure to turn the power off.

2 To select the number of copies desired, press the "Multi-copy" key [ ] until the number of copies desired is indicated in the indicator (1 ~ 9). ex. 5→4→3→2→1→0→1

- If the indicator shows any letters, refer to page five.

3 Press Contrast Key [ ] .

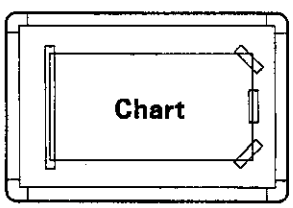
- Indicator "on" : Darker copy, "off" : Normal copy
- Ruled line may be copied at the Darker position.

4 Press the Copy Key [ ] to start the copy process.

- Screen 1 or 2 will go round.
- Copied paper Holder can hold up to 10 copies.

■To copy CHARTS, GRAPHS, ETC

Affix it to the screen with drafting tape made by 3M®or other similar tape with medium adhesive.

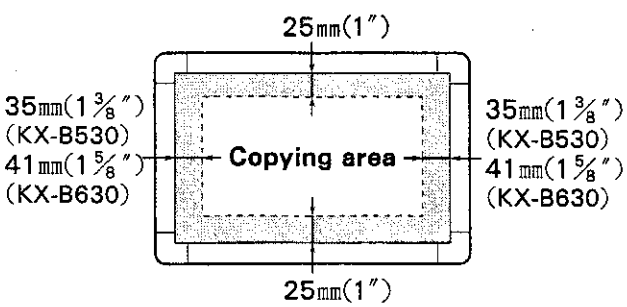


- Wrinkles or fold marks may cause black shadows on the copy.

3M® is a registered trademark of 3M Coporation.

Film screen

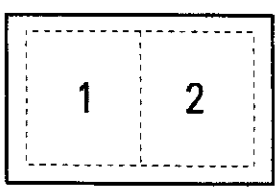
- Write with bold, dark strokes [over 1 mm (1/32")] .
- The shaded areas are not copied.



■ 2 SCREEN COPY

- To copy two screens (screen 1 and 2) on one paper, press the 2 -Screen Copy Key [ ] .

2 -Screen Copy



1 : screen 1 2 : screen 2

■To stop copying, press the Stop Key [ ] .

■To advance to the next screen

Press the ADVANCE key [ ] to go to the next screen.

Troubleshooting

Symptom	Care and remedy
Power won't turn on.	Confirm the power plug is securely connected and power switched on.
No copy paper emerges after the COPY Key is pressed.	Paper is exhausted. (ERROR indicator "P" goes on and off.) →Load new paper. (See p. 3)
	Printer door open. (ERROR indicator "P" goes on and off.) →Close the door gently until a click is heard.
	Paper is jammed. →Remove the jammed paper and cut off the wrinkled portion.
Nothing is printed on the paper. Copies are faint or blurred.	Confirm the paper is loaded correctly, smooth side face up. (See p. 3)
	Your writing is too thin or faint. →Write with thicker, darker strokes, or use a new marker.
	Printer door is slightly open. →Close the door gently until a click is heard.
Poorly defined stripes or unwanted lines appear on the copy.	The printer head is dirty. →Open the printer door and clean the printer head. (See p. 3 and 6)
Black lines appear on the copy.	The room temperature is 10°C (50°F) or lower. →After raising the temperature, turn the power off and then back on, then recopy.
The screen doesn't advance when the COPY or ADVANCE Key is pressed.	Static electricity is generated when cleaning. →Turn off the power and move the screen gently by hand.
Large amount of ink dust remains on the film screen.	Clean the screen. (See p. 6) →After cleaning, turn on the power switch once.

Indication	Cause	Remedy
P	No paper	Load the copy paper roll.
	Printer door is not closed securely.	Close the door securely.
C	Printer can not cut the paper.	Open the printer door and clear the jammed paper.
S	Screen does not move.	Try to move the screen by hand, remove any charts taped to screen.
L	The room temperature is 10°C (50°F) or lower.	Raise the room temperature.
	The fluorescent lamp is dead.	Call your dealer to fix.

● If other indication appears, call your dealer.

Troubleshooting

■To release jammed paper

1. Open the printer door.

2. Remove the jammed paper by pulling the paper roll to the direction A. If the jammed paper is still in the cutter cover, remove it using tweezers from slot B.

3. Cut the paper as shown in Fig. 1.

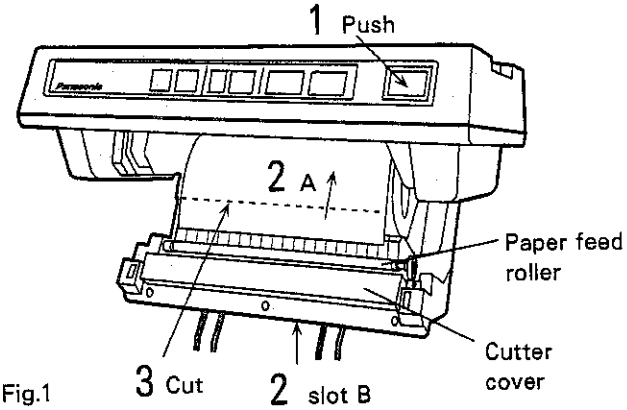


Fig.1

4. In case, paper cannot go through, just put the paper on the paper feed roller as shown Fig. 2.

5. Close the printer door.

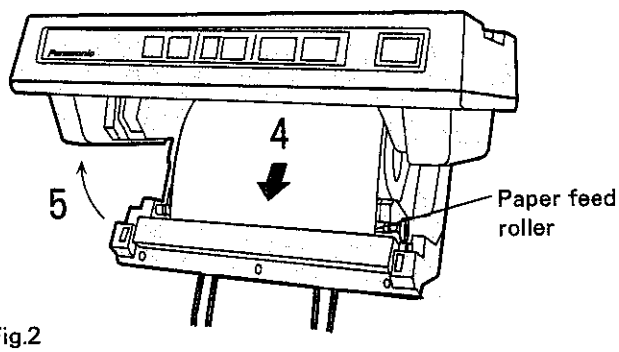


Fig.2

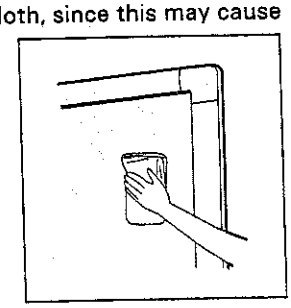
Care and cleaning

Be sure to turn off the power and unplug the power plug before cleaning.

■Cleaning the film screen and the unit body

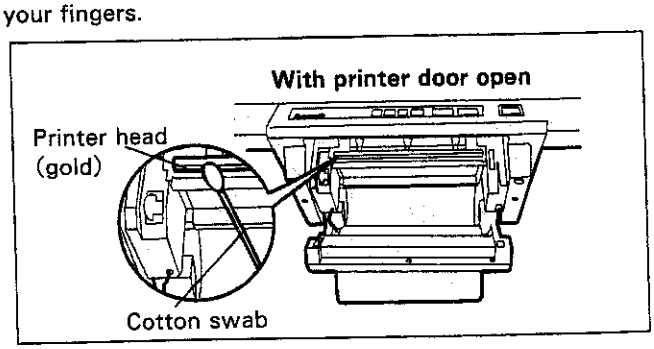
- Wipe gently with a soft cloth, which has been dipped in water and wrung out thoroughly.
- Never use thinner, benzine or detergent containing abrasives.
- Never wipe the screen with a dry cloth, since this may cause static electricity.

For hard stains, use a small amount of household detergent dissolved in water.
For accidental writing with an oil marker, use a small amount of ethyl alcohol.
Ensure that there is good ventilation.



■Cleaning the print head

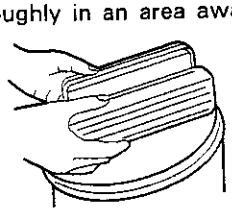
- Wipe gently with a cotton swab, dipped in ethyl alcohol.
- Never touch the printer head and its surrounding area with your fingers.



■Cleaning the eraser

When the eraser becomes blackened with ink, remove the wiping portion as illustrated below, wash well with household detergent, then dry thoroughly in an area away from sunlight.

Reference:
Both sides can be used.



Specifications

Power Supply	KX-B530U KX-B630U	AC 240 V, 50 Hz	
Power Consumption	KX-B530U KX-B630U	1.0 A (operating), 0.1 A (stand by)	
Panel Dimensions	KX-B530U	900 mm (H) × 1,400 mm (W) (2′ 11 7/16″ × 4′ 7 1/8″)	
	KX-B630U	900 mm (H) × 1,762 mm (W) (2′ 11 7/16″ × 6′ 1 1/3″)	
Copy Area Dimensions	KX-B530U	850 mm (H) × 1,330 mm (W) (2′ 9 15/32″ × 4′ 4 3/8″)	
	KX-B630U	850 mm (H) × 1,680 mm (W) (2′ 9 15/32″ × 5′ 6 5/32″)	
Writing Panel surfaces	2 (endless type)		
Copy Method	CCD Image Sensor		
Paper Type	Heat-Sensitive Roll Paper (paper thickness:65 μm)		
Paper Size	KX-B530U KX-B630U	210 mm × 297 mm (8 1/4″ × 11 11/16″)	
Copy Size on a paper	KX-B530U	180 mm × 287 mm (7 3/32″ × 11 11/32″)	
	KX-B630U	180 mm × 287 mm (7 3/32″ × 11 11/32″)	
Copy Density	8 dots/mm (203 dots/inch)		
Copy Speed		1st Paper	from 2nd paper
	KX-B530U	15-second	12-second
	KX-B630U	15-second	12-second
Writing Instruments	Dry erase felt-tipped markers (black, red, blue)		
Ambient Conditions	Temperature: 10°C (50°F) ~ 35°C (95°F) Humidity: 30 ~ 80% R.H.		

Number of copies	1 ~ 9	
Exterior Dimensions (without stand)	KX-B530U	1,450 mm (H) × 1,550 mm (W) × 233mm (D) (4′ 9 3/32″ × 5′ 1 1/32″ × 9 6/32″)
	KX-B630U	1,450 mm (H) × 1,912 mm (W) × 236mm (D) (4′ 9 3/32″ × 6′ 3 9/16″ × 9 9/32″)
Mass (Weight)	KX-B530U	33.5kg 〔33.5kgf (74 lbs)〕
	KX-B630U	37kg 〔37kgf (81.5 lbs)〕
Options	*1 Stand: KX-B061 for KX-B530 and KX-B630 Wall-Mounting Kit: KX-B063 *2 Interface Board for Printer: KX-B09 Eraser: KX-B04	
Exterior Dimensions (with stand)	KX-B530U	2,100 mm (H) × 1,550 mm (W) × 1,100mm (D) (6′ 10 11/16″ × 5′ 1 1/32″ × 3′ 10 5/16″)
	KX-B630U	2,100 mm (H) × 1,912 mm (W) × 1,100mm (D) (6′ 10 11/16″ × 6′ 3 9/16″ × 3′ 10 5/16″)

*1 weight (stand): KX-B061 ··· 12.8kg (28 lbs)

*2 Optional Printer can be connected to this unit using optional interface board (KX-B09). Recommened printers are Panasonic KX-P6500, KX-P4400 and KX-P6150.

Matsushita Electric Industrial Co., Ltd.
Central P.O. BOX 288, Osaka 530-91, Japan

Printed in Japan

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